

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|---------------------|
| L1 | 2 | ("20050000543").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/06/01 09:11 |
| L2 | 101958 | ((robot\$3 or vehicle or mobile or autonomous) near4 (travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3)) and (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:00 |
| L3 | 14816 | L2 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) with (adjacent\$3 or next or neighbor\$3 or side) with (cell or area or square or portion or partition or zone or subcell or subarea or block or squarezone or subcell or subarea or block)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:00 |
| L4 | 2452 | L3 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) near4 (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:01 |
| L5 | 774 | L4 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) near4 (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4)) with (next or adjacent\$3 or neighbor\$3 or side) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:02 |
| L6 | 147 | L5 and map\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:03 |

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|-----|------|---|--|----|----|---------------------|
| L7 | 6164 | ((robot\$3 or autonomous\$3 or mobile or vehicle) near4 (travers\$4 or travel\$4 or path or rout\$3 or trajector\$4)) and ((percent\$4 or densit\$3 or denseness or quantity or crowded\$4) near4 (cell or area or portion or zone or subcell or subarea or block or square)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:41 |
| L8 | 2501 | L7 and map\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:41 |
| L9 | 1276 | L8 and ((status or state or clean\$3 or unclean\$3 or \$3travel\$4 or \$3travers\$3 or classifi\$3 or label\$3) near4 (cell or area or portion or zone or subcell or subarea or block or square)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:43 |
| L10 | 327 | L9 and ((percent\$4 or densit\$3 or denseness or quantity or crowded\$4) same ((status or state or clean\$3 or unclean\$3 or \$3travel\$4 or \$3travers\$3 or classifi\$3 or label\$3) near4 (cell or area or portion or zone or subcell or subarea or block or square))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:44 |
| L11 | 273 | L10 not protein | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 10:45 |
| L12 | 1 | ("2008/0147473").URPN. | USPAT | OR | ON | 2010/06/01 10:52 |
| L33 | 46 | 318/568.12.ccls. and ((map\$4 or trajector\$3 or rout\$3 or path or movement) with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) and (sprial\$3 or cird\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:00 |
| L34 | 1881 | 701/23.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:01 |

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| L35 | 42 | L34 and ((robot\$3 or autonomous\$3 or mobile or vehicle) near4 (travers\$4 or travel\$4 or path or rout\$3 or trajector\$4)) and ((percent\$4 or densit\$3 or denseness or quantity or crowded\$4) near4 (cell or area or portion or zone or subcell or subarea or block or square)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:01 |
| L36 | 266 | 701/26.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:01 |
| L37 | 12 | L36 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) near4 (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:01 |
| L38 | 526 | 701/25.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:02 |
| L39 | 205 | L38 and ((status or state or clean\$3 or unclean\$3 or \$3travel\$4 or \$3travers\$3 or classifi\$3 or label\$3) near4 (cell or area or portion or zone or subcell or subarea or block or square)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:02 |
| L40 | 65 | L39 and (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:02 |
| L41 | 381 | 700/253.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:03 |
| L42 | 28 | L41 and ((map\$4 or trajector\$3 or rout\$3 or path or movement) with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) and (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:03 |
| L43 | 2486 | 700/245.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:04 |

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|------|-------|---|--|----|-----|---------------------|
| L44 | 145 | L43 and ((map\$4 or trajector\$3 or rout\$3 or path or movement) with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) and (sprial\$3 or cirdl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/01 12:04 |
| S123 | 93269 | (map\$4 with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) and (rout\$3 or path or trajector\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/28 15:20 |
| S124 | 41561 | S123 and (robot\$3 or vehicle or mobile or autonomous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/28 15:42 |
| S125 | 39935 | S124 and (obstruct\$4 or object or block\$3 or fill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/28 15:43 |
| S126 | 17017 | S124 and ((obstruct\$4 or object or block\$3 or fill\$3) near4 (cell or area or portion or zone or subcell or subarea or block or square)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/28 15:45 |
| S127 | 1856 | S126 and ((robot\$3 or vehicle or mobile or autonomous) near5 (path or rout\$3 or travers\$3 or trajector\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/28 15:45 |
| S128 | 1147 | S127 and (percent\$4 or densit\$3 or denseness or quantity or crowded\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/28 15:47 |
| S129 | 407 | S128 and ((percent\$4 or densit\$3 or denseness or quantity or crowded\$4) near4 (cell or area or portion or zone or subcell or subarea or block or square)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/28 15:47 |
| S130 | 2 | ("20070156283").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/05/28 17:30 |

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| S131 | 101889 | ((robot\$3 or vehicle or mobile or autonomous) near4 (travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3)) and (sprial\$3 or cirdl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/31 17:20 |
| S132 | 12354 | S131 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) near4 (sprial\$3 or cirdl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/31 17:23 |
| S133 | 277 | S132 and (map\$4 with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/05/31 17:24 |

EAST Search History (I nterference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------|------------------|---------|------------------|
| L13 | 894 | 701/23.ccls. | USPAT; UPAD | OR | ON | 2010/06/01 11:52 |
| L14 | 75 | L13 and (map\$4 with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) | USPAT; UPAD | OR | ON | 2010/06/01 11:52 |
| L16 | 11 | L13 and ((percent\$4 or densit\$3 or denseness or quantity or crowded\$4) same ((status or state or clean\$3 or unclean\$3 or \$3travel\$4 or \$3travers\$3 or classifi\$3 or label\$3) near4 (cell or area or portion or zone or subcell or subarea or block or square))) | USPAT; UPAD | OR | ON | 2010/06/01 11:53 |
| L17 | 104 | L13 and ((percent\$4 or densit\$3 or denseness or quantity or crowded\$4) and ((status or state or clean\$3 or unclean\$3 or \$3travel\$4 or \$3travers\$3 or classifi\$3 or label\$3) near4 (cell or area or portion or zone or subcell or subarea or block or square))) | USPAT; UPAD | OR | ON | 2010/06/01 11:54 |
| L18 | 397 | 701/25.ccls. | USPAT; UPAD | OR | ON | 2010/06/01 11:54 |

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|-----|------|---|-------------|----|----|------------------|
| L19 | 23 | L18 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) near4 (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4)) | USPAT; UPAD | OR | ON | 2010/06/01 11:54 |
| L20 | 44 | L18 and (map\$4 with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) | USPAT; UPAD | OR | ON | 2010/06/01 11:55 |
| L21 | 200 | 701/26.ccls. | USPAT; UPAD | OR | ON | 2010/06/01 11:55 |
| L22 | 318 | 700/253.ccls. | USPAT; UPAD | OR | ON | 2010/06/01 11:55 |
| L23 | 29 | L22 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) with (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4)) | USPAT; UPAD | OR | ON | 2010/06/01 11:56 |
| L24 | 57 | L22 and ((map\$4 or trajector\$3 or rout\$3 or path or movement) with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) | USPAT; UPAD | OR | ON | 2010/06/01 11:57 |
| L25 | 1272 | 700/245.ccls. | USPAT; UPAD | OR | ON | 2010/06/01 11:58 |
| L26 | 105 | L25 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) with (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4)) | USPAT; UPAD | OR | ON | 2010/06/01 11:58 |
| L27 | 61 | L25 and ((travers\$4 or rout\$3 or path\$3 or travel\$4 or mov\$3) near5 (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4)) | USPAT; UPAD | OR | ON | 2010/06/01 11:58 |
| L28 | 203 | L25 and ((map\$4 or trajector\$3 or rout\$3 or path or movement) with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) | USPAT; UPAD | OR | ON | 2010/06/01 11:58 |
| L29 | 78 | L25 and ((map\$4 or trajector\$3 or rout\$3 or path or movement) with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) and (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4) | USPAT; UPAD | OR | ON | 2010/06/01 11:59 |
| L30 | 160 | 318/568.17.ccls. | USPAT; UPAD | OR | ON | 2010/06/01 11:59 |

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|-----|-----|--|-------------|----|----|------------------|
| L31 | 636 | 318/568.12.ccls. | USPAT; UPAD | OR | ON | 2010/06/01 11:59 |
| L32 | 37 | L31 and ((map\$4 or trajector\$3 or rout\$3 or path or movement) with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)) and (sprial\$3 or circl\$3 or curl\$3 or coil\$3 or whorl\$3 or screw\$3 or helical\$4) | USPAT; UPAD | OR | ON | 2010/06/01 11:59 |
| L46 | 332 | ((robot\$3 or autonomous\$3 or mobile or vehicle) near4 (travers\$4 or travel\$4 or path or rout\$3 or trajector\$4)) and ((percent\$4 or densit\$3 or denseness or quantity or crowded\$4) near4 (cell or area or portion or zone or subcell or subarea or block or square)).clm. | USPAT; UPAD | OR | ON | 2010/06/01 12:05 |
| L47 | 16 | L46 and ((map\$4 or trajector\$3 or rout\$3 or path or movement) with (subgrid or grid or table or hatch or cell or matrix or checker or patch\$3)).clm. | USPAT; UPAD | OR | ON | 2010/06/01 12:05 |

6/ 1/ 2010 2:50:06 PM

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